

BILL WILLIAMS RIVER BASIN

09424407 MCGARRYS WASH NEAR KINGMAN, AZ

LOCATION.--Lat 35°07'00", long 113°39'00", in sec.16, T.20 N., R.13 W., Mohave County, Hydrologic Unit 15030201, at U.S. Highway 93, 1.2 mi north of junction of U.S. Highway 93 and Hackberry Road, and 23 mi southeast of Kingman.

DRAINAGE AREA.--13.5 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1968	08-04-68	20	ES	1974	00-00-74	0	
1969	00-00-69	0		1975	10-29-74	2	ES
1970	08-00-70	400	ES	1976	00-00-76	20	LT
1971	07-00-71	40	ES	1977	00-00-77	25	LT
1972	09-19-72	1,000		1978	00-00-78	25	LT
1973	00-00-73	150		1979	00-00-79	25	LT

Magnitude and probability of instantaneous peak flow based on period of record 1968-79

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50†	100†
50%	20%	10%	4%	2%	1%
26.9	150	369	963	1,790	3,130
Weighted skew	(logs) =	0.00			
Mean	(logs) =	1.43			
Standard dev.	(logs) =	0.89			

† Reliability of values in column is uncertain, and potential errors are large.

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
203	12.1	4,610	40.0	3.0	12.0	1.5	3.7

